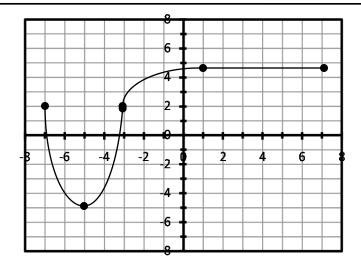


PART A: For each function below, place an x in the box that applies to each interval. (8 points)

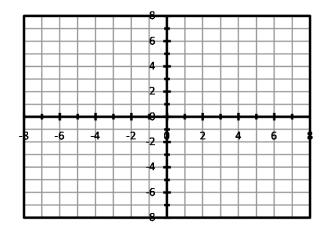


Interval	Increasing	Decreasing	Neither
-7 < x < -5			
-5 < x < -3			
-3 < x < 1			
1 < x < 7			

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Interval	Increasing	Decreasing	Neither
-6 < x < -5			
-5 < x < -3			
-3 < x < 2			
2< x < 6			

PART B: For each problem below, sketch a graph that matches the given intervals. (12 points—Answer vary)



Interval	Increasing	Decreasing	Neither
-8 < x < -2		x	
-2 < x < 2			x
2 < x < 5		x	
5 < x < 8	x		

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-B	-6	-4	-2	-		2	4		Ę	5	
-B	-6	-4	-2			2	4		-	5	
-8	-6	-4	-2	2		2	4			5	
-8	-6	-4	-2	-		2	4			5	
-8	-6	-4	-2	2 4		2	4			5	
-8	-6	-4	-2	2		2	4		(5	
3	-6	-4	-2	2 4		2	4			5	
3	-6	-4	-2	2 4		2	4			5	

Interval	Increasing	Decreasing	Neither
-8 < x < -5	x		
-5 < x < -1			x
-1 < x < 4	x		
4 < x < 8			x